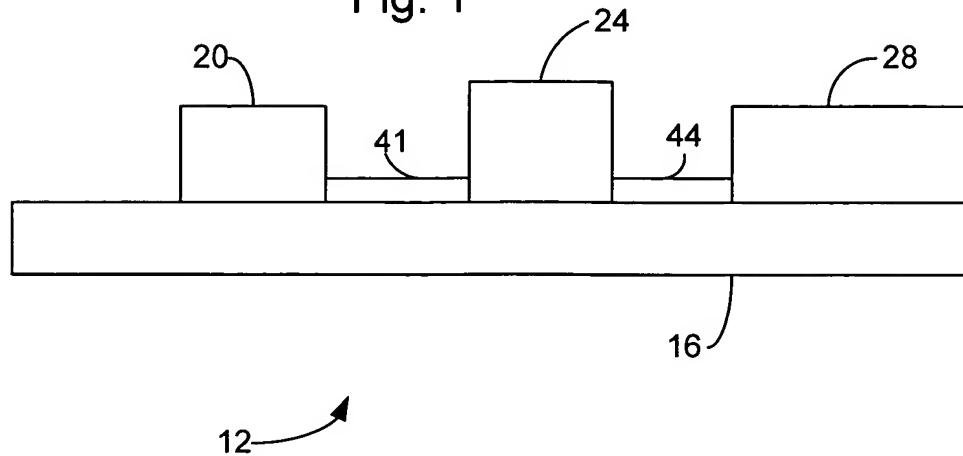
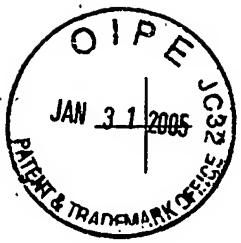




Title: TUNABLE LOW NOISE AMPLIFIER
Inventor(s): TONCICH, Stanley S. et al.
Application No.: 10/075,727 Date Filed: February 12, 2002
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Fig. 1





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Single Band Power Amplifier Matching Circuit

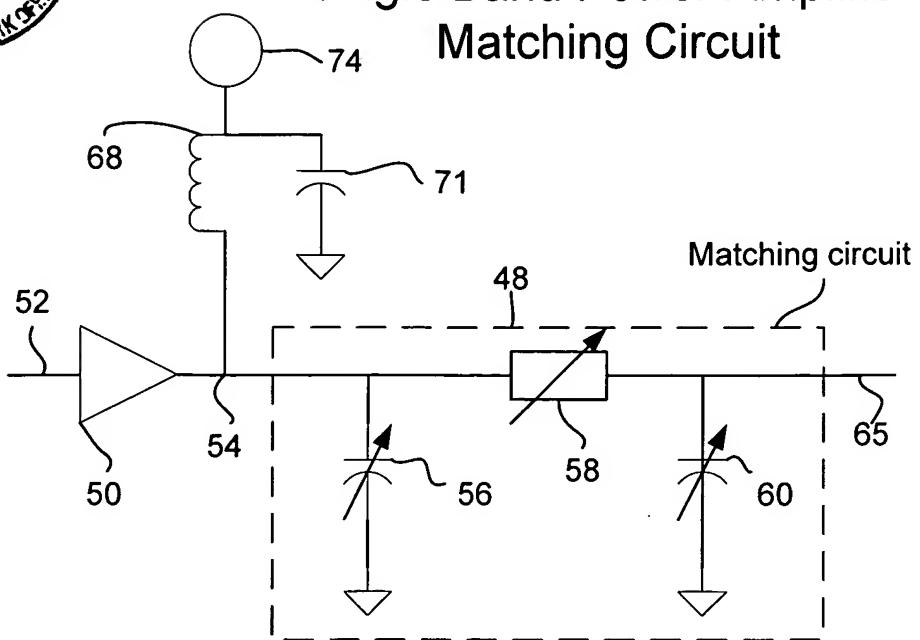


Fig. 2



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Single Band Power Amplifier Matching Circuit

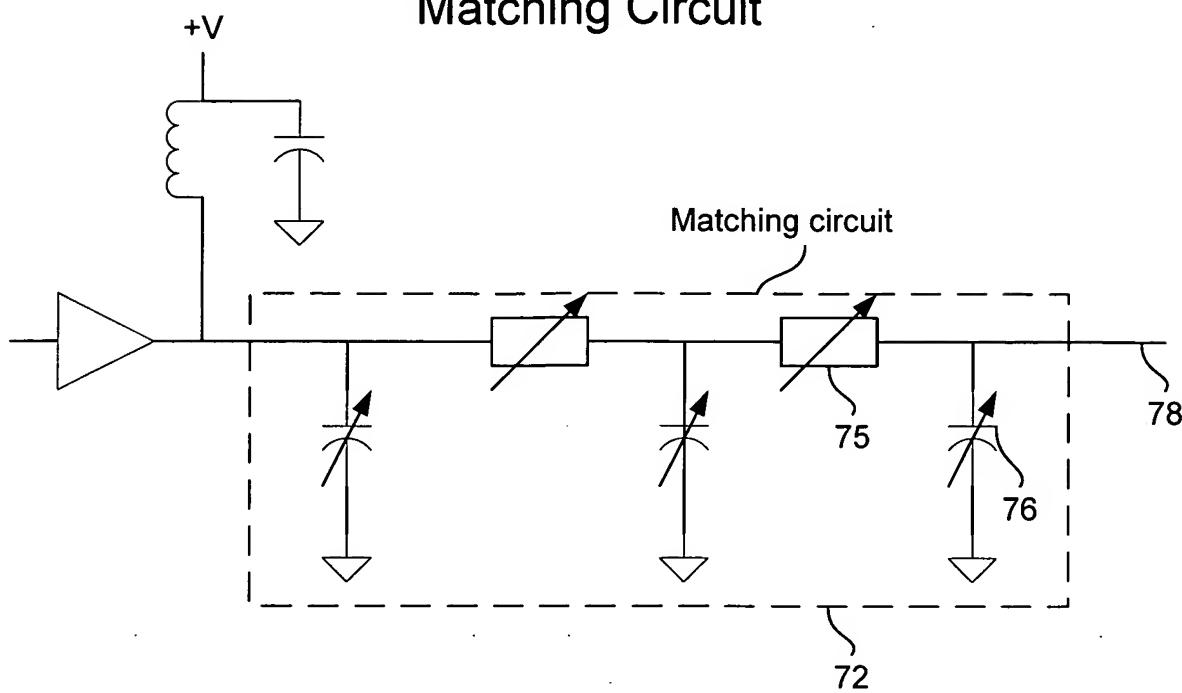
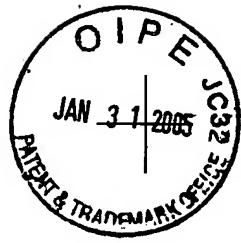


Fig. 3



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Multiband Power Amplifier Matching Circuit

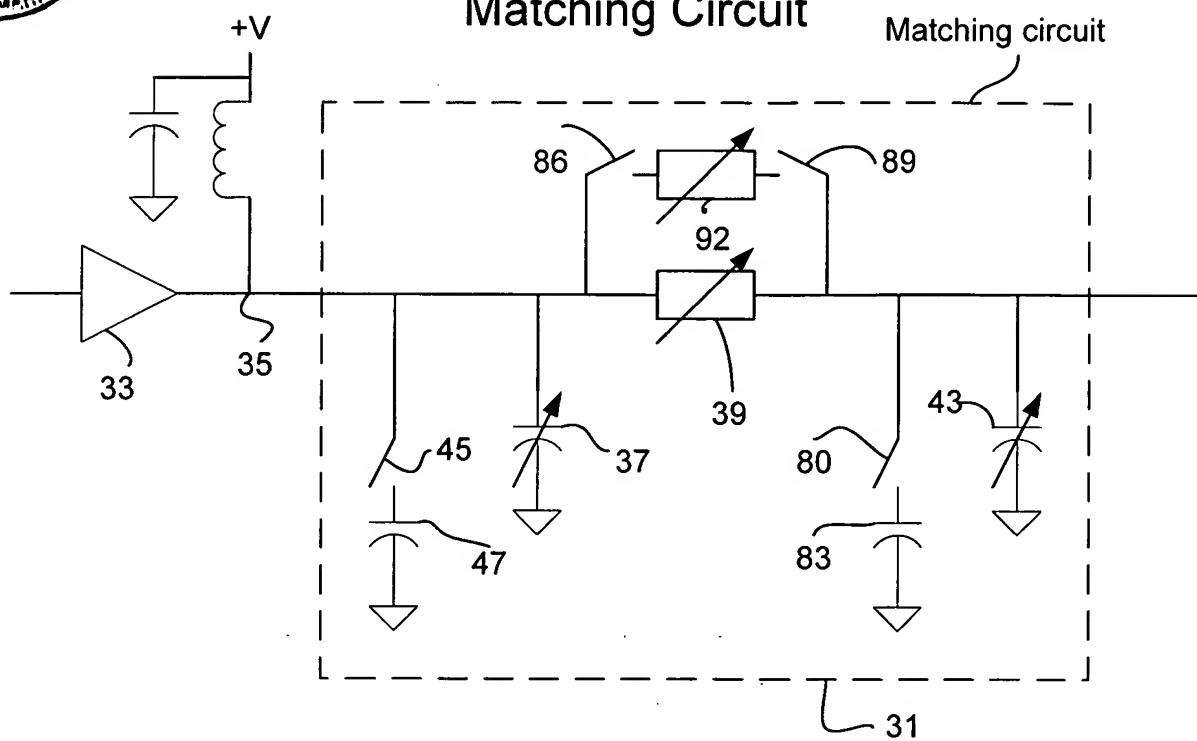


Fig. 4A

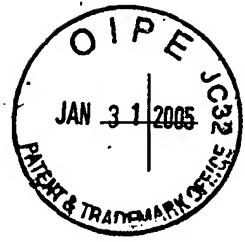
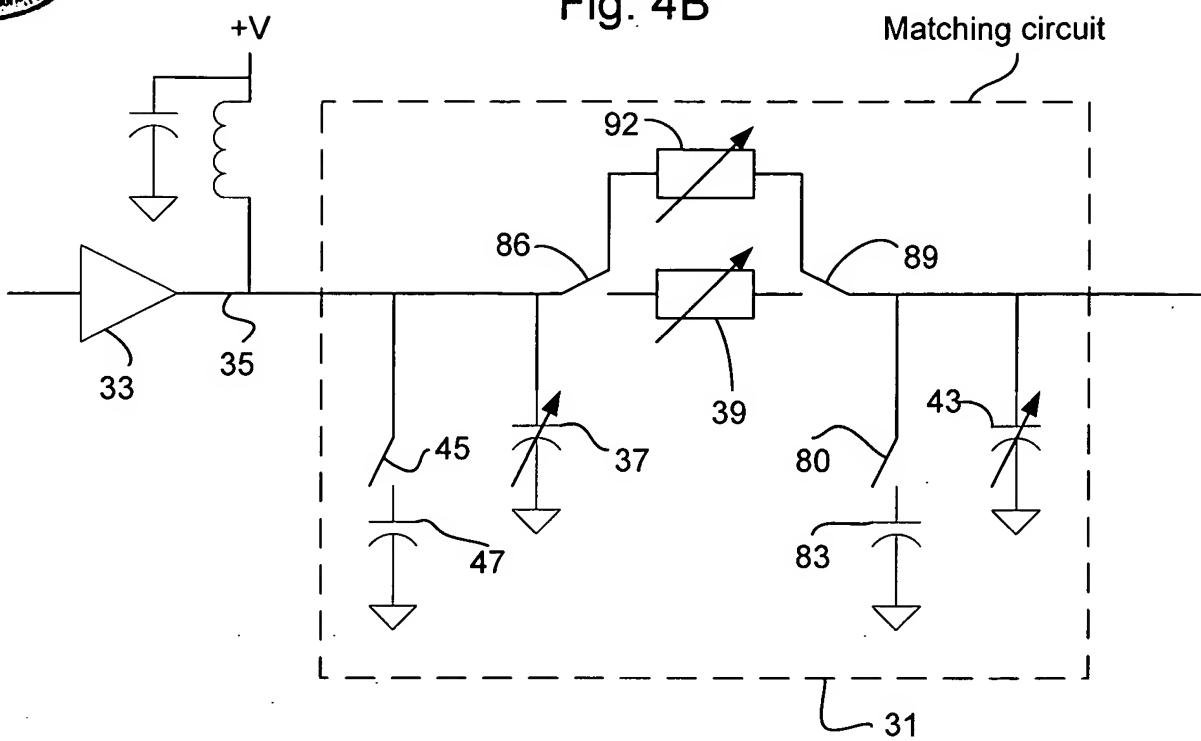


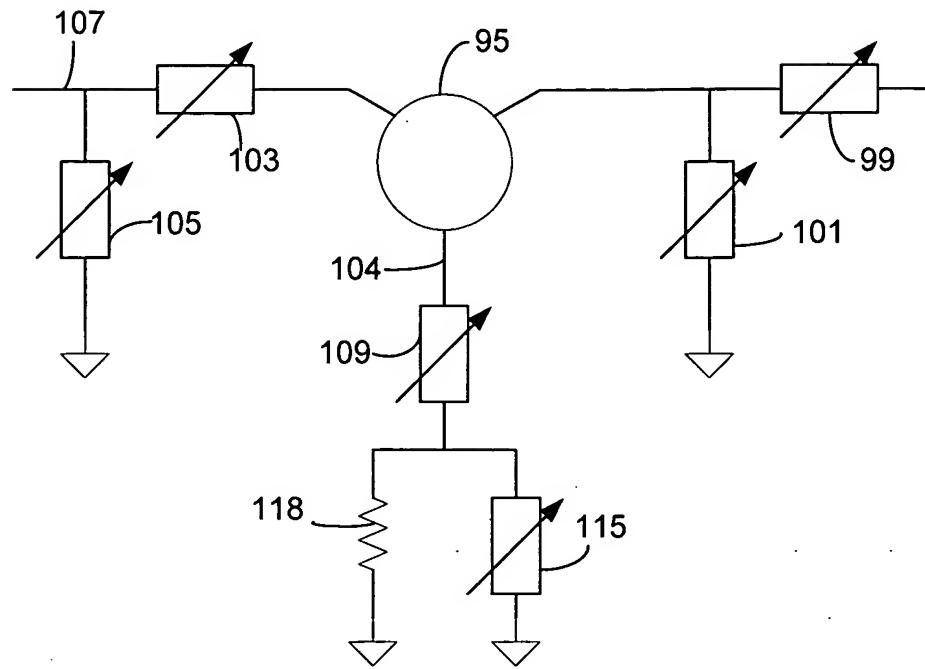
Fig. 4B

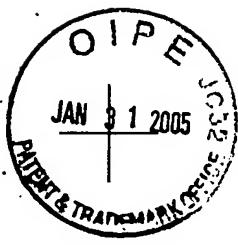




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Fig. 5





LNA Matching Circuit

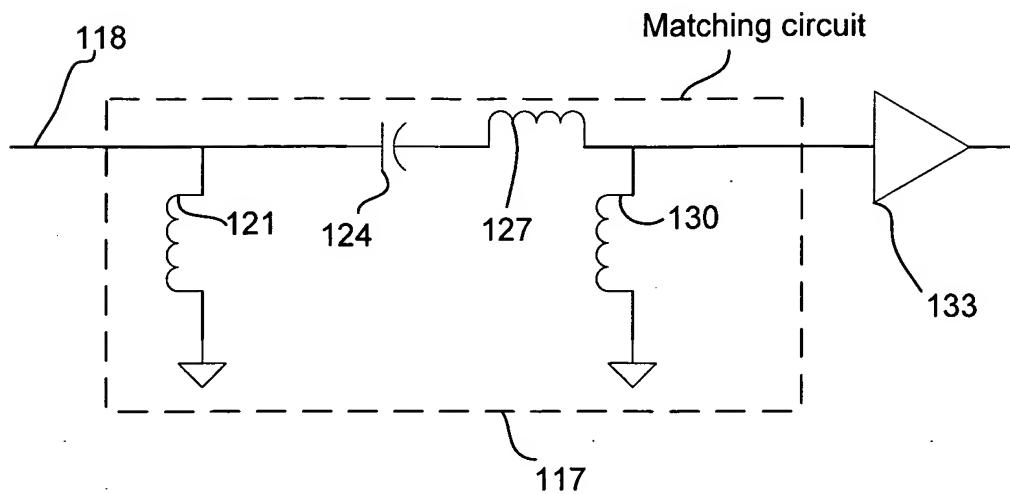


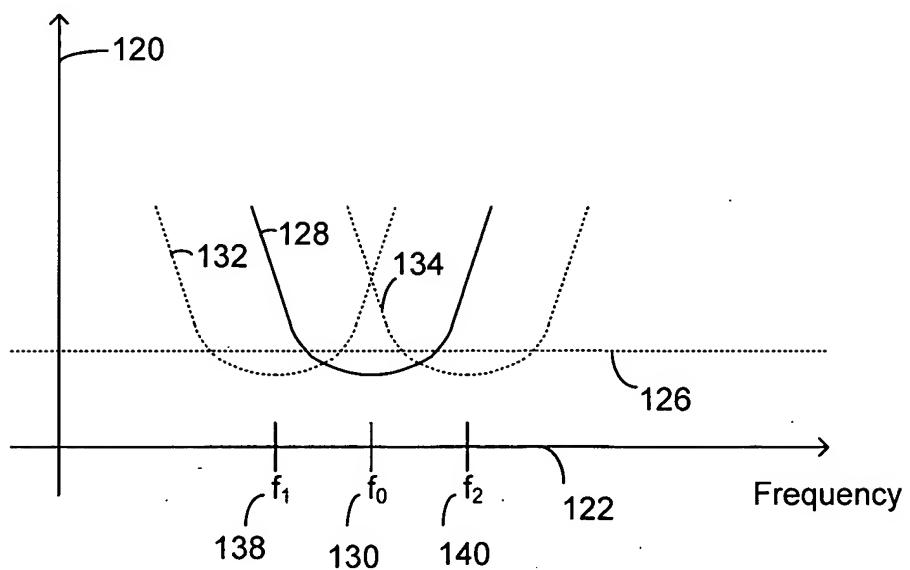
Fig. 6A



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Fig. 6B

Noise Figure





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Antenna Matching Circuit

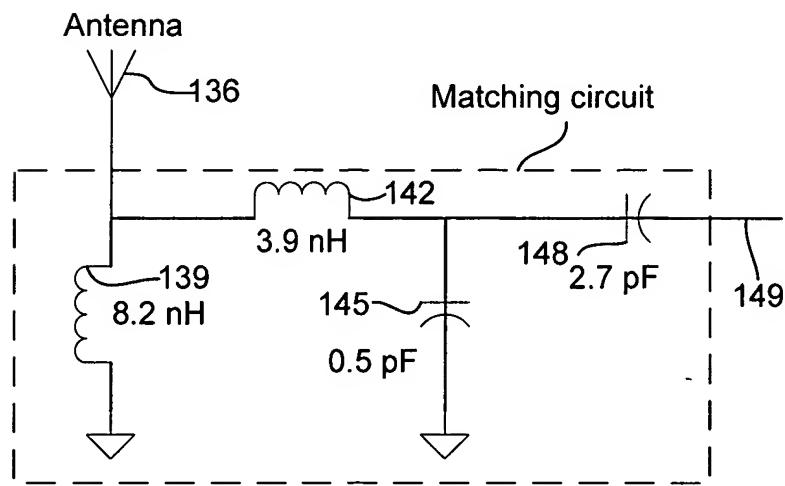


Fig. 7



Fig. 8

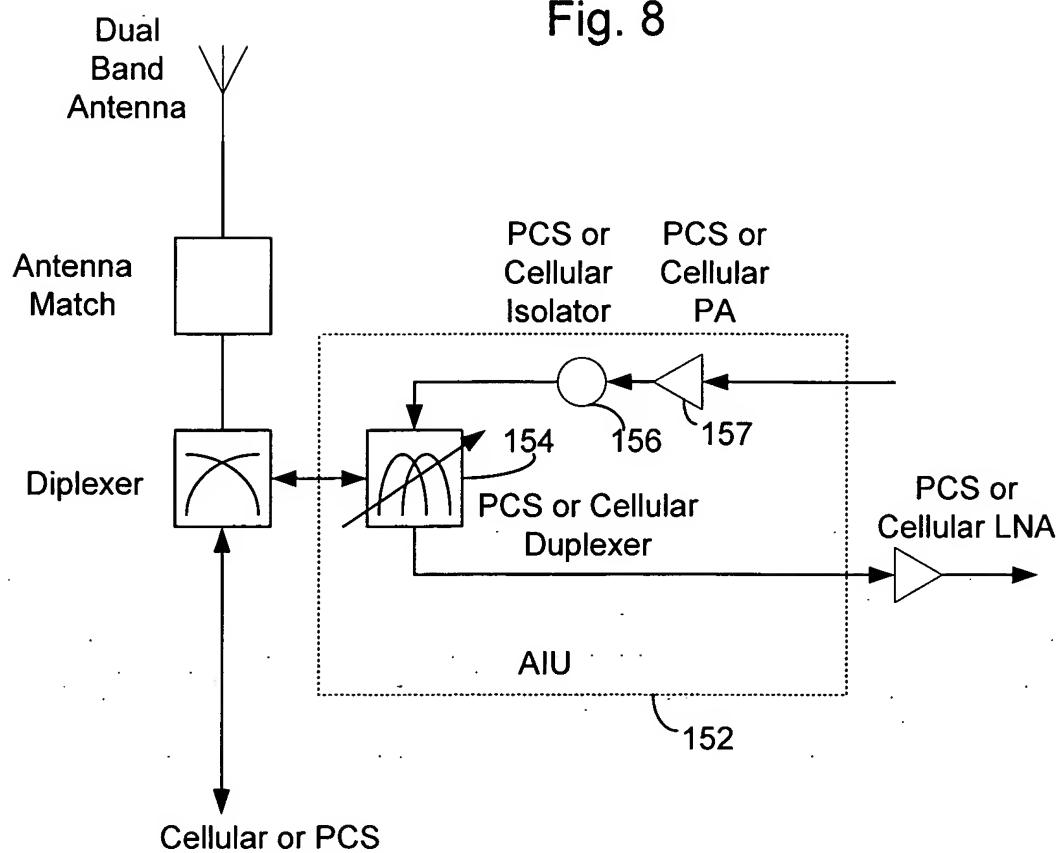




Fig. 9

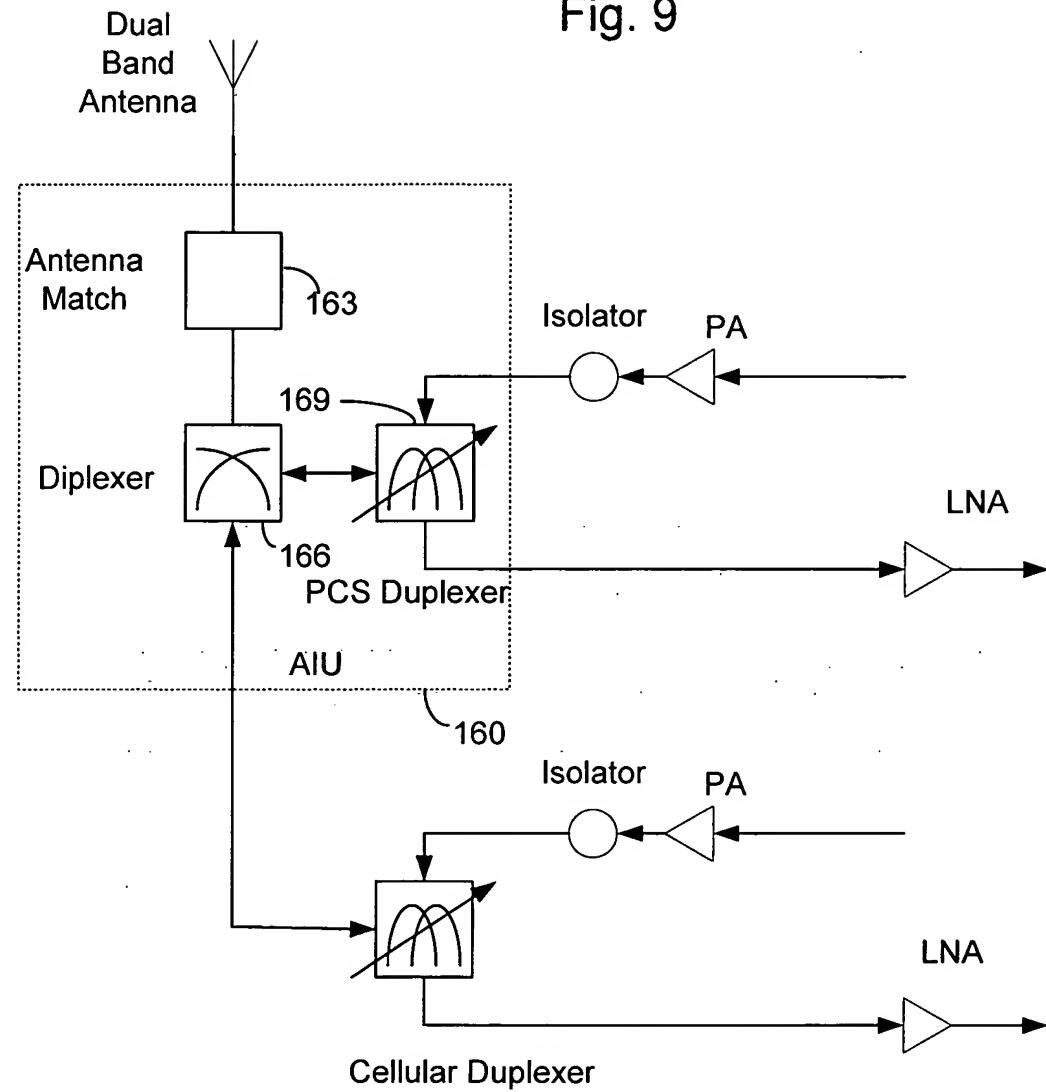




Fig. 10

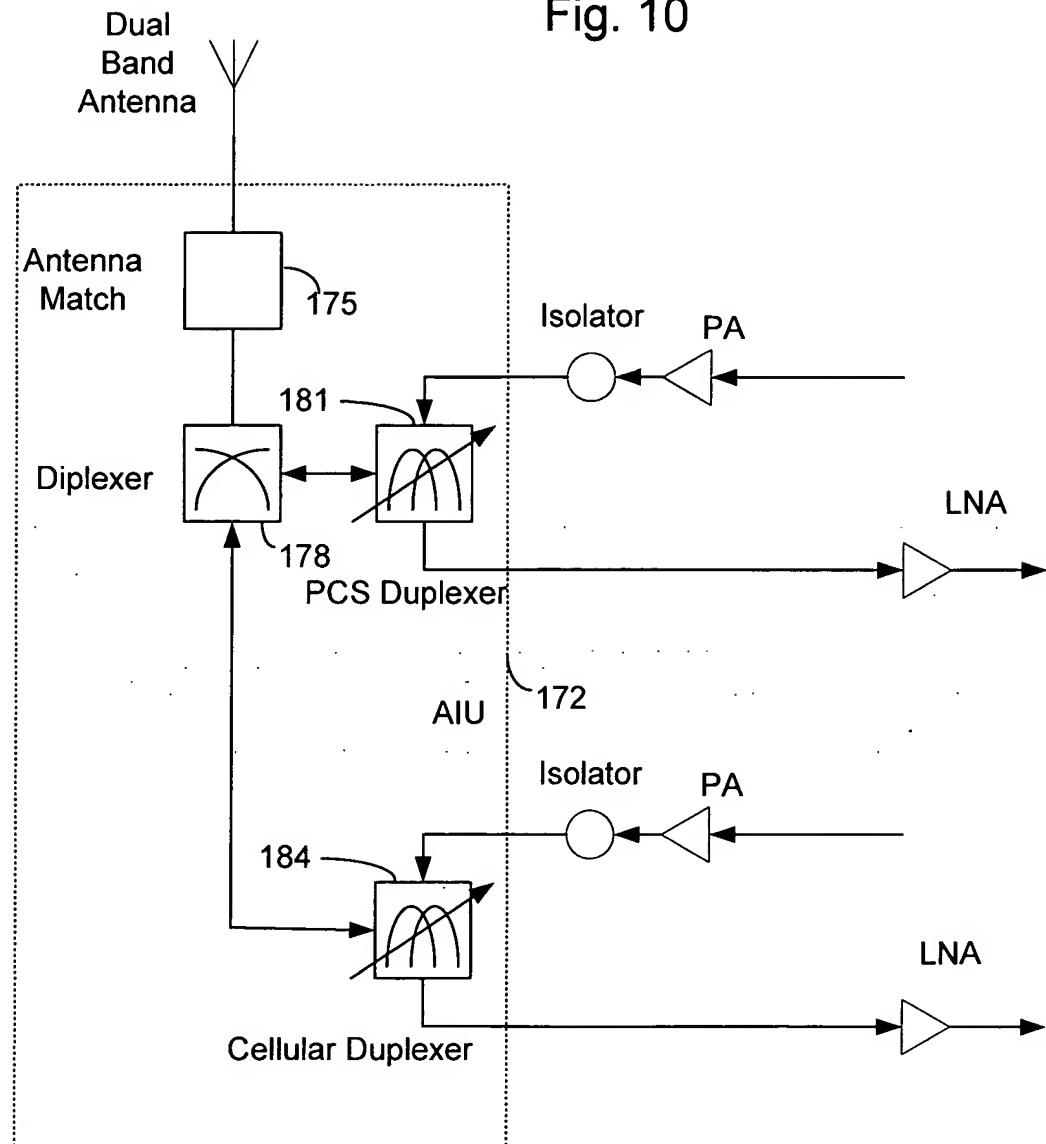
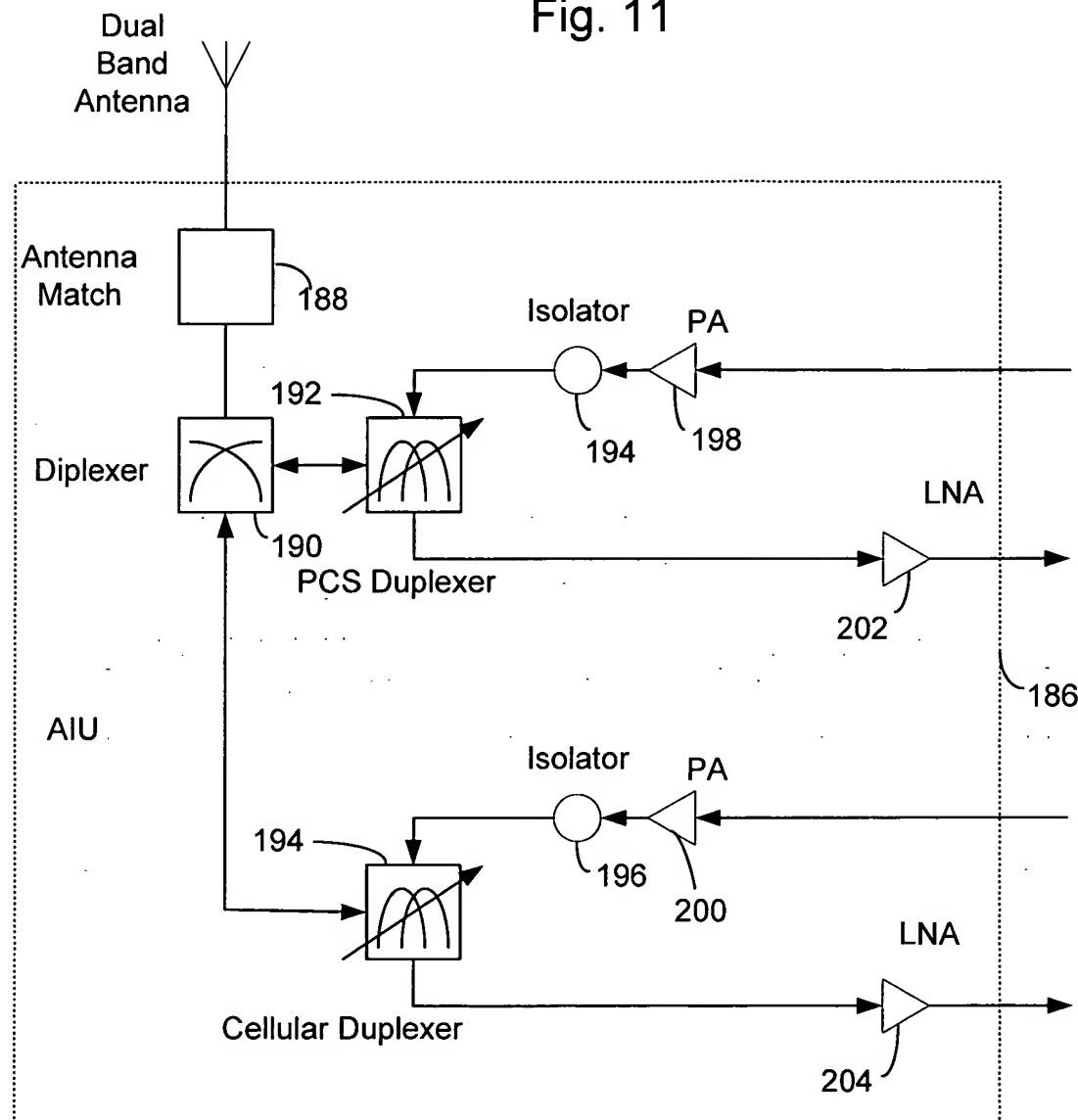




Fig. 11



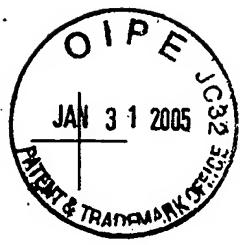


Fig. 12

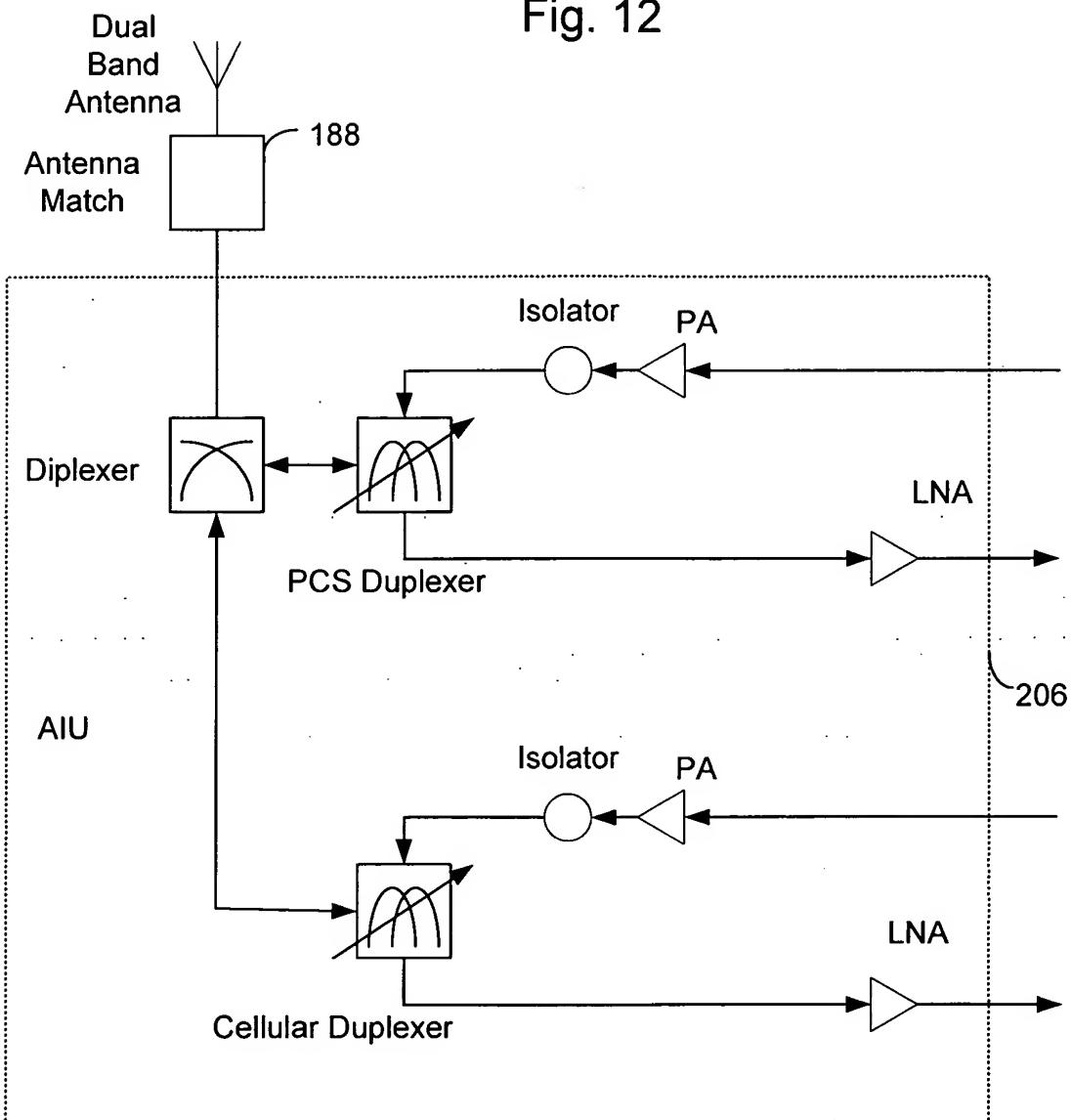




Fig. 13

